

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 07-2004)

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

5035-202US//P29,653

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/518974**INTERNATIONAL APPLICATION NO.  
**PCT/GB03/002820**INTERNATIONAL FILING DATE  
**30 June 2003**PRIORITY DATE CLAIMED  
**28 June 2002**

TITLE OF INVENTION

**MICROPROCESSOR INSTRUCTION EXECUTION METHOD FOR EXPLOITING PARALLELISM**

APPLICANT(S) FOR DO/EO/US

**Richard Michael Taylor**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☒ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 23 below concern document(s) or information included:**

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☒ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. **EV 515 411 624 US**
23. ☒ Other items or information:

**Response to Written Opinion - 4 pages; PCT/IB/308 - 1 page; PCT/IPEA/401 - 4 pages; PCT/IPEA/402 - 1 page;  
acknowledgement post card;**

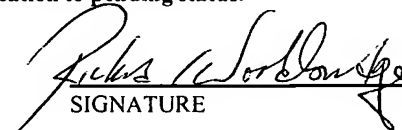
U.S. APPLICATION NO (if known, see 37 CFR 1.5) <b>10/518974</b>		INTERNATIONAL APPLICATION NO. <b>PCT/GB03/002820</b>		ATTORNEY'S DOCKET NUMBER <b>5035-202US//P29,653</b>	
24. The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :</b> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1080.00</b> <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$920.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$770.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$730.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b> <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<b>\$0.00</b>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	34 - 20 =	14	x \$50.00	<b>\$700.00</b>	
Independent claims	1 - 3 =	0	x \$200.00	<b>\$0.00</b>	
Multiple Dependent Claims (check if applicable). <input type="checkbox"/>				<b>\$0.00</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1,700.00</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<b>\$850.00</b>	
<b>SUBTOTAL =</b>				<b>\$850.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				<b>\$0.00</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$850.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input checked="" type="checkbox"/>				<b>\$40.00</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$890.00</b>	
				Amount to be: refunded	\$
				charged	\$

- a. ☐ A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.
- c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **23-3040**
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Richard C. Woodbridge  
 Synnestvedt Lechner & Woodbridge LLP  
 P.O. Box 592  
 Princeton, NJ 08542  
 609-924-3773 phone  
 609-924-1811 fax

  
 SIGNATURE

Richard C. Woodbridge

NAME

26,423

REGISTRATION NUMBER

 Dec. 21, 2004  
 DATE

PTO-2038 (02-2003)

Approved for use through 02/28/2006. OMB 0641-0043

United States and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UNITED STATES PATENT AND TRADEMARK OFFICE**

**CREDIT CARD PAYMENT FORM**

**PLEASE READ INSTRUCTIONS BEFORE COMPLETING THIS FORM**

**CREDIT CARD INFORMATION**

**Credit Card Type:** ☐ Visa ☐ MasterCard ☒ American Express ☐ Discover

**Credit Card Account No.:**

**Credit Card Expiration Date:**

**Name as it Appears on Credit Card:** Mr. R.C. Woodbridge

**Payment Amount: (US Dollars):** \$40.00

**Cardholder Signature:**

**Date:** Dec. 21, 2004

**Refund Policy:** The Office may refund a fee paid by mistake or in excess of that required. A change of purpose after the payment of a fee will not entitle a party to a refund of such fee. The office will not refund amounts of \$25.00 or less unless a refund is specifically requested, and will not notify the payor of such amounts (37CFR § 1.26). Refund of a fee by credit card will be issued as a credit to the credit card account to which the fee was charged.

**Service Charge:** There is a \$50.00 service charge for processing each payment refused (including a check return "unpaid") or charged back by a financial institution (37 CFR § 1.21 (m)).

**CREDIT CARD BILLING ADDRESS**

**Street Address 1:** P.O. Box 592

**Street Address 2:** 112 Nassau Street

**City:** Princeton

**State/Province:** NJ

**Zip/Postal Code:** 08542-0592

**Country:** USA

**Daytime Phone No.:** 609-924-3773

**Fax No.:** 609-924-1811

**REQUEST AND PAYMENT INFORMATION**

**Description of Request and Payment Information:**

<input type="checkbox"/> Patent Fee -	<input type="checkbox"/> Patent Maintenance Fee	<input type="checkbox"/> Trademark Fee	<input checked="" type="checkbox"/> Other Fee * Recordation of Assignment Fee
Application No. Filed Herewith	Application No.	Application No.	IDON Customer No.
Patent No.	Patent No.	Registration No.	
Attorney Docket No.		Identify or Describe Mark	Attorney Docket No. 5035-202US/P29,653USA

If the cardholder includes a credit card number on any form or document other than the Credit Card Payment Form, the United States Patent and Trademark Office will not be liable in the event that the credit card number becomes public knowledge.

**\*Other Fee Includes – Assignments - Copies of Patent and Trademark Documents; Certified Copies; and other information products**

10/518974

DT05 Rec'd PCT/PTO 21 DEC 2004

Express Mail Cert. No. EV 515 411 624 USA  
FILE NUMBER 5035-202US/P29,653USA

"EXPRESS MAIL CERTIFICATE"

"Express Mail" Mailing Label Number: EV 515 411 624 US

Express Mail Corporate Account Number: X085783

Date of Deposit: Dec. 21, 2004

Title: MICROPROCESSOR INSTRUCTION EXECUTION METHOD FOR  
EXPLOITING PARALLELISM

INVENTOR: Richard Michael Taylor

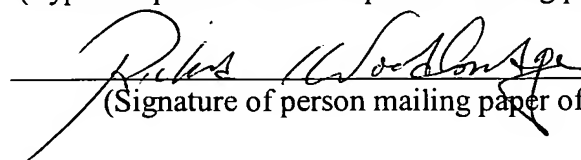
Type of Documents:

1. PCT National Phase Transmittal Letter for PCT/GB03/002820 (x2) – 2 pages;
2. Form PTO-2038 for US National Phase filing fee – 1 page;
3. Preliminary Amendment – 8 pages;
4. Copy of Amended application – 42 pages
5. Copy of Application to enter US National Phase – 42 pages;
6. 13 pages of Drawings
7. Executed Declaration and Power of Attorney – 3 pages
8. Recordation of Assignment and Executed Assignment – 2 pages
9. Form PTO – 2038 for Recordation Fee – 1 page
10. Copy of PCT International Search Report with cover sheet - 2 pages;
11. Copy of International Preliminary Examination Report – 5 pages
12. Copy of PCT Published Application PCT/GB03/002820 – 55 pages, (including cover sheet);
13. Form PCT/IB/308 – 1 page
14. Form PCT/IPEA/401 – Demand – 4 pages
15. Form PCT/IPEA/402 – Notification of Receipt of Demand – 1 page
16. Response to Written Opinion dated 1 July 2004 – 4 pages
17. This "Express Mail" Certificate; and;
18. Acknowledgment Post Card.

I hereby certify that the enclosed documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 – Mail Stop PCT

Richard C. Woodbridge, Esq.

(Typed or printed name of person mailing paper or fee)

  
(Signature of person mailing paper or fee)